MF330
HSDPA/EDGE Wireless Data Card
User Manual

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1 Wireless Data Card Introduction

1.1 Introduction

Thank you for using the MF330 HSDPA/EDGE Wireless Data Card. To help you use the card in perfect situation, please read the manual carefully and keep it for reference.

The pictures, symbols and contents in this manual are just for your reference. They might not be completely identical with your card. Please subject to the material object. ZTE operates a policy of continuous development. We reserve the right to update and modify technical specifications in this document at any time without prior notice.

The ZTE MF330 HSDPA/EDGE Wireless Data Card is a type of multi-mode, 3G wireless data card, applicable to HSDPA/ WCDMA/ EDGE/ GPRS/ GSM network. With PCMCIA interface to connect to portable PC, it integrates functions of modem and mobile phone, and combines mobile communication with the Internet perfectly. Via HSDPA/ WCDMA/ EDGE/ GPRS /GSM mobile network, it carries out data, audio and SMS services, helping you break away from limitation of time and zone, and communicate wirelessly anytime and anywhere.

1.2 Safety Warning and Notice

To the owner

- Some electronic devices are susceptible to electromagnetic interference sent by data card if inadequately shielded, such as electronic system of vehicles. Please consult the manufacturer of the device before using the data card if necessary.
- Operating portable PC and data card may interfere with medical devices like hearing aides and pacemakers. Please always keep the card more than 20 centimeters away from such medical devices when they are in use. Power off the data card if it is necessary. Consult a physician or the manufacturer of the medical device before using the data card.
- Do not use data card at gas station.
- Be aware of the usage limitation when using a data card at places such as oil warehouses or chemical factories, where there are explosive gases or explosive products being processed. Do not use the data card if necessary.
- Store the data card out of the reach of little children. The data card

may cause injury if used as a toy.

Data Card

- Please use original accessories or accessories that are authorized by the manufacturer. Using any unauthorized accessories may affect your data card's performance, and violate relative national regulations about telecom terminals.
- Avoid using the data card near metallic structure device or establishment that can emit electromagnet wave. Otherwise it may influence receiving of signals.
- The data card is non-waterproof, please keep it dry and store in shady and cool place.
- Don't use the data card immediately after sudden temperature change. In such case, there will be dew inside and outside the card, so don't use it until it becomes dry.
- Take the data card carefully. Don't drop, bend, knock or harshly treat it to avoid destructive damage.
- No dismantling by non-professional and only qualified maintainer can undertake repair work.
- The environmental temperature range 0℃～+55℃, humidity range 5%～95% are recommended.

In Aircraft

- Please power off data card before the airplane takes off. In order to protect airplane's communication system from interference, it is never allowed to use data card when it is in flight. Using it before the plane taking off should get aircrew's permission according to safety regulations.

Limit Warranty

This warranty does not apply to defects or errors in the Product caused by:

(a) Reasonable abrasion of Products;

(b) End User's failure to follow ZTE's installation, operation or maintenance instructions or procedures;

(c) End User's mishandling, misuse, negligence, or improper installation, disassemble, storage, servicing or operation of the Product;

(d) Modifications or repairs not made by ZTE or a ZTE-certified

individual;

(e) Power failures, surges, fire, flood, accident, actions of third parties or other events outside ZTE's reasonable control.

(f) Usage of products of third Parties, or usage conjunction with third parties products provided that such defects is due to the conjunction;

(g) Any other cause beyond the range of normal usage for Products. End User shall have no right to reject, return, or receive a refund for any Product from ZTE under the above-mentioned situations.

This warranty is end user's sole remedy and ZTE's sole liability for defective or nonconforming items, and is in lieu of all other warranties, expressed, implied or statutory, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, unless otherwise required under the mandatory provisions of the law.

Limitation of Liability

ZTE shall not be liable for any loss of profits or indirect, special, incidental or consequential damages resulting from or arising out of or in connection with using of this product, whether or not ZTE had been advised, knew or should have known of the possibility of such damages, including, but not limited to lost profits, interruption of business, cost of capital, cost of substitute facilities or product, or any downtime costs.

1.3 Applicability Scope

MF330 HSDPA/EDGE data card supports main prevailing types of portable PCs, such as HP, IBM, Toshiba, Lenovo, Dell, Founder, etc.

1.4 System requirements

Operating System：Windows 2000 / XP

Configuration (Recommended)：

CPU Pentium III or above

Hard Disk	20G or above
RAM	128M or above

The card performance may be influenced if computer's configuration is under recommended.

1.5 Functions

Functions: Audio service, SMS service, Data service, Applications management, Data concurrent, Supplemental services, etc.

1.6 Specification

Networks Sys.	HSDPA/ WCDMA/ EDGE/ GPRS/ GSM
Frequency Band	HSDPA/UMTS 2100MHz: 1920-1980 MHz/2110-2170 MHz(Up-link/Down-link)
	GSM/GPRS/EDGE 900MHz: 880-915 MHz/925-960 MHz(Up-link/Down-link)
	GSM/GPRS/EDGE 1800MHz: 1710-1785 MHz/1805-1880 MHz(Up-link/Down-link)
	GSM/GPRS/EDGE 1900MHz: 1850 -1910 MHz/1930 -1990 MHz(Up-link/Down-link)
Dimension	118×54×12 mm
Weight	About 55g
Data Rate	In HSDPA mode, max speed 3.6Mbps In WCDMA Mode， max speed 384 kbps； In EDGE mode，max speed 236.8kbps.
Working Voltage	3.3V
Current Loss	Resting：80mA Max：850mA

2 Installation

2.1 Unpacking

Check the following articles in the package: Wireless Card, Headset, Installation Software Disc, Quick User Guide, and Cert. of Quality.

2.2 Appearance and Parts

1. PCMCIA Interface 2.SIM/USIM Card Slot 3. Indicator
4. Headset Jack

Indicator Light Status:

Indicator	Status
Green/Lighting	Normal.
Red	Abnormal/No network signal.
Green/Blink	An Incoming Call.
Green/Blink three times	A New Message.

2.3 Hardware Installation

1. Inserting SIM/USIM card into the data card:

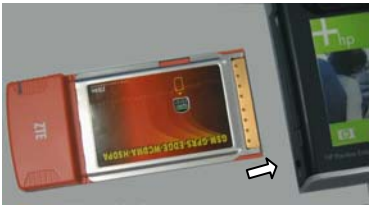
Before using the data card, please be sure that SIM/USIM card can support audio, data and SMS services, etc. Please contact with network provider to get more information.

As shown in the picture, insert the SIM/USIM card with the metal contact area facing downwards into the data card slot properly.

Remove and pick the SIM/USIM card through slot or hatch on the card.

2. Inserting data card into portable PC：

As the following picture shows, insert the data card into portable PC's PCMCIA slot. With the indicator turns on, the data card is properly inserted.



3. Earphone Connection:

To answer/dial a call through data card, use the equipped earphone. Please plug the earphone into the jack of the data card.

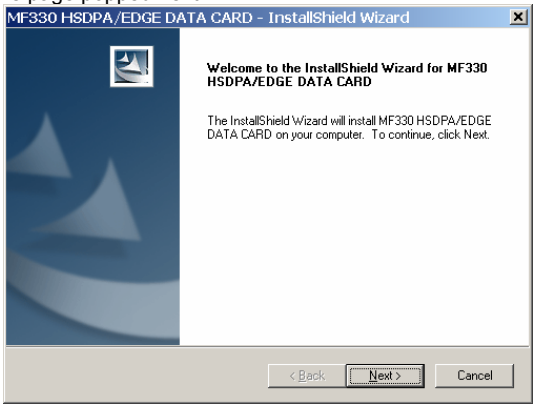
2.4 Software Installation

Notice: Don't insert the card before the installation.

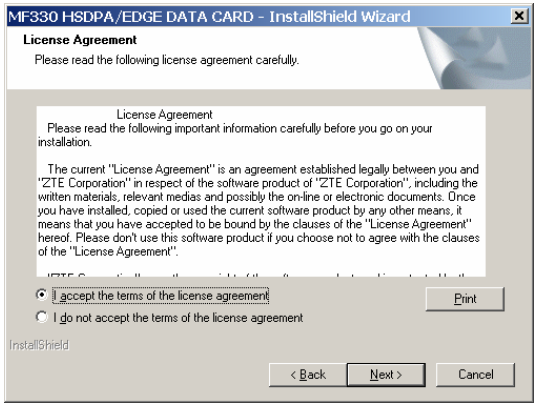
Insert the installation disc into CD-ROM driver. The installation pop-up window appears on display if the portable PC's system supports installation automatically.

If portable PC doesn't launch installation automatically, please run "setup.exe" program on the CD. The following installation interface will show how to start installation. Select the language applicable to the operating system.

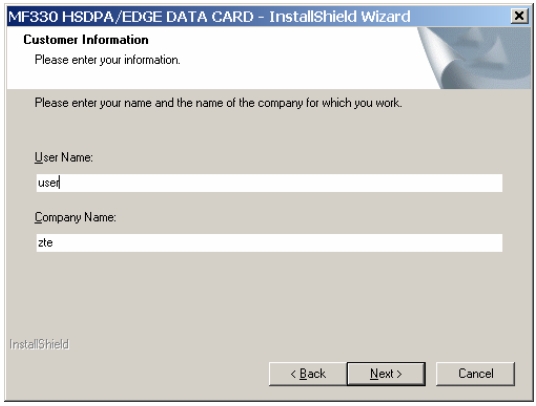
In above screen，choose “**English**”， click “**OK**” to go to the welcome page popped next.


MF330 HSDPA/EDGE DATA CARD - InstallShield Wizard
Welcome to the InstallShield Wizard for MF330 HSDPA/EDGE DATA CARD
The InstallShield Wizard will install MF330 HSDPA/EDGE DATA CARD on your computer. To continue, click Next.
< Back
Next >
Cancel

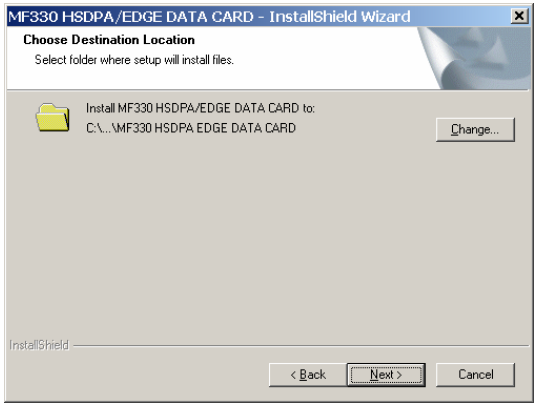
Click “**Next**”.


MF330 HSDPA/EDGE DATA CARD - InstallShield Wizard
License Agreement
Please read the following license agreement carefully.
License Agreement
Please read the following important information carefully before you go on your installation.
The current "License Agreement" is an agreement established legally between you and "ZTE Corporation" in respect of the software product of "ZTE Corporation", including the written materials, relevant medias and possibly the on-line or electronic documents. Once you have installed, copied or used the current software product by any other means, it means that you have accepted to be bound by the clauses of the "License Agreement" hereof. Please don't use this software product if you choose not to agree with the clauses of the "License Agreement".
I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
InstallShield
< Back
Next >
Cancel

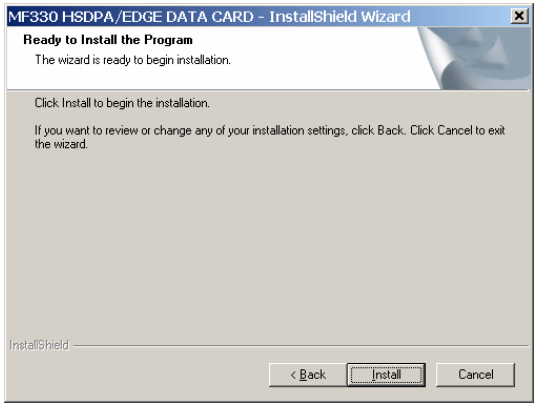
Read the agreement carefully. If you agree, choose “I accept the terms of the license agreement”, and then click **“Next”**.



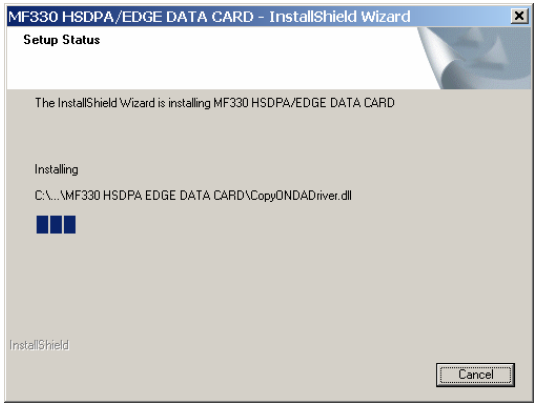
Enter user’s name and company, and then click “**Next**” to continue.



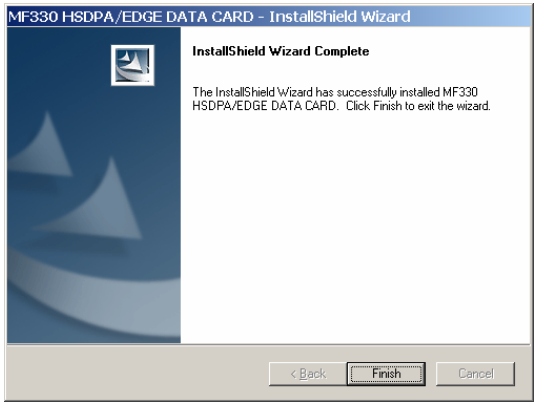
Select the folder where you would like to install the data card，you can select a different path by click "**Change**", then click "**Next**";


MF330 HSDPA/EDGE DATA CARD - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

Click "**Next**" to start installation.



Installation is in progress, after a while, there will be a tip as follows.


MF330 HSDPA/EDGE DATA CARD - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed MF330 HSDPA/EDGE DATA CARD. Click Finish to exit the wizard.
< Back
Finish
Cancel

Click "**Finish**" to complete the software installation.

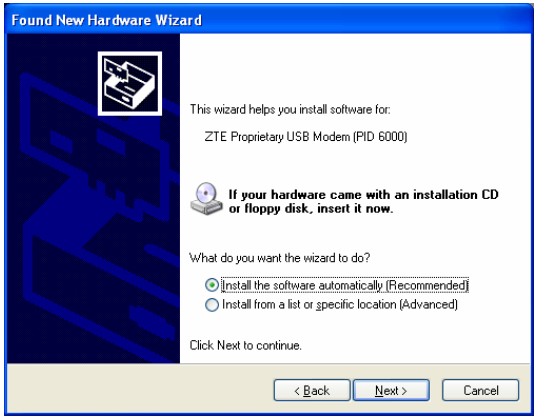
Insert the data card, indicator lights in green.

For WINXP system，If the data card is installed for the first time, The follow steps will appear for some times, please repeat it.

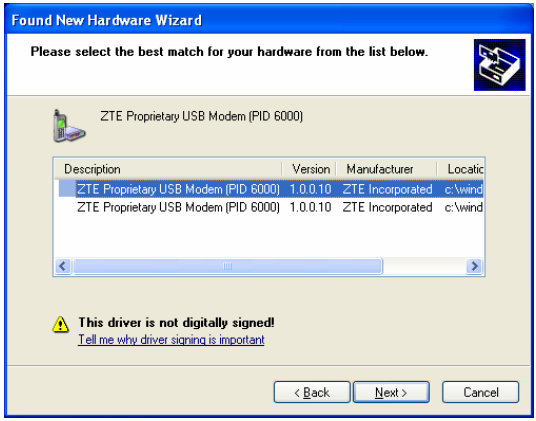
When insert the card into the PCMCIA slot of computer after software installation, it appears windows as below.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

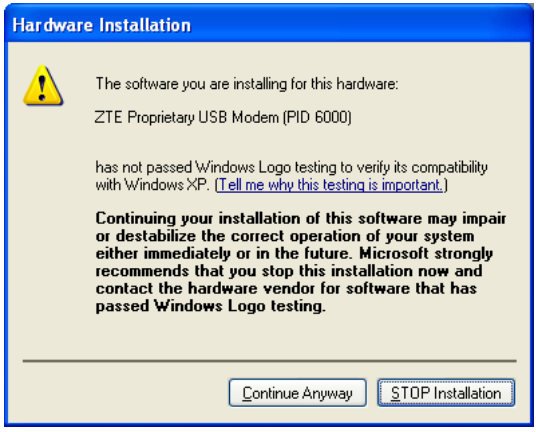
Select "**No, not this time**" in "found New Hardware Wizard" pop-up window, click "**Next** ";


Found New Hardware Wizard
This wizard helps you install software for:
ZTE Proprietary USB Modem (PID 6000)
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

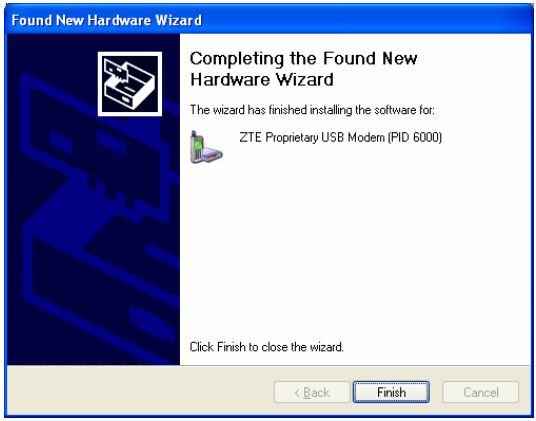
Select "Install the software automatically", click "**Next**".


Found New Hardware Wizard
Please select the best match for your hardware from the list below.
ZTE Proprietary USB Modem (PID 6000)
Description
Version
Manufacturer
Locatic
ZTE Proprietary USB Modem (PID 6000) 1.0.0.10 ZTE Incorporated c:\wind
ZTE Proprietary USB Modem (PID 6000) 1.0.0.10 ZTE Incorporated c:\wind
This driver is not digitally signed!
Tell me why driver signing is important
< Back
Next >
Cancel

Click "**Next**";


Hardware Installation
The software you are installing for this hardware:
ZTE Proprietary USB Modem (PID 6000)
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Click"**Continue Anyway**"in "Hardware Installation" pop-up window.


Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
ZTE Proprietary USB Modem (PID 6000)
Click Finish to close the wizard.
< Back
Finish
Cancel

Click "**Finish**".

When all the installation finished, you may run the application software to use the card properly.

Select **"Start"** menu→**"Programs"** and there will be a **"MF330 HSDPA EDGE DATA CARD"** program group listed in，which includes "**MF330 HSDPA EDGE DATA CARD** "and "**Uninstall MF330 HSDPA EDGE DATA CARD**"，and a shortcut icon on the desktop is also created.

2.5 Running Application Software

After the data card software is installed and connected normally, click the **Start → Programs→ MF330 HSDPA EDGE DATA CARD → MF330 HSDPA EDGE DATA CARD** menu on the portable PC to run the application software.

Or double click the shortcut icon

on desktop， to run the application software.

After data card initializing, main interface appears. When the standby icon appears on the taskbar, the card can work in normal.

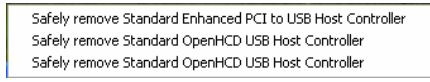
2.6 Pulling out the data card safely

Please close the application software at first, and delete the hardware according to the following procedure, then pull out the data card finally.

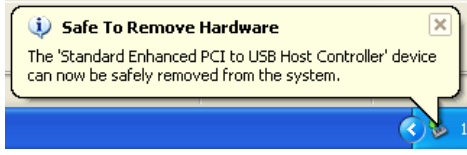
Here is an example for WINXP operating system：

When card is inserted, the new hardware icon appears on the system taskbar, as shown marked with circle.

Click the new hardware icon and indication as follows appear:


Safely remove Standard Enhanced PCI to USB Host Controller
Safely remove Standard OpenHCD USB Host Controller
Safely remove Standard OpenHCD USB Host Controller

Click any item in above dialog box, the following appears:

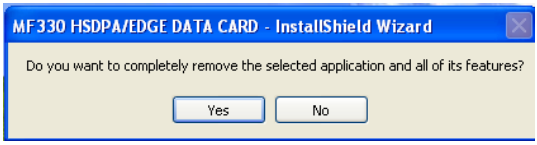

Safe To Remove Hardware
The 'Standard Enhanced PCI to USB Host Controller' device can now be safely removed from the system.

Now, you can pull out the data card safely.

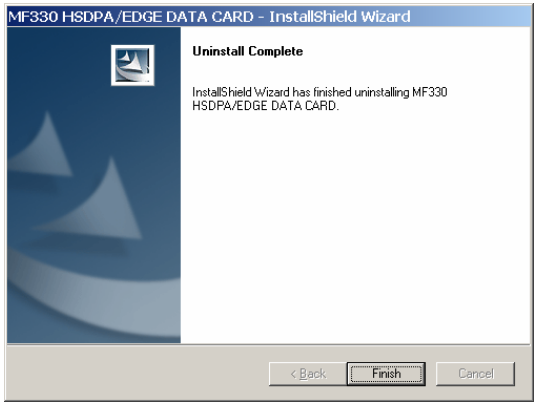
2.7 Software Uninstalling

Close the application program before the software uninstalling.

Click **Start→ Programs→ MF330 HSDPA EDGE DATA CARD→ Uninstall MF330 HSDPA EDGE DATA CARD** menu on the portable PC.


MF330 HSDPA/EDGE DATA CARD - InstallShield Wizard
Do you want to completely remove the selected application and all of its features?
Yes
No

Click “**Yes**” according to the prompt, then the system begins to uninstall programs.



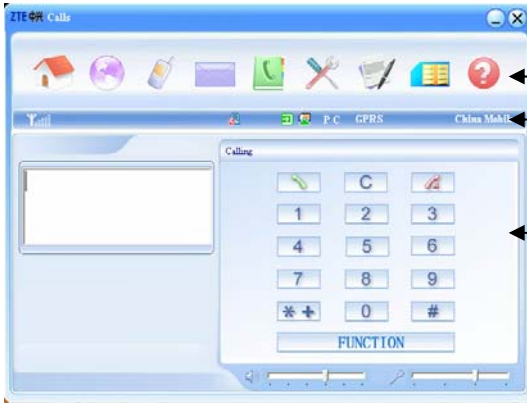
Click “**Finish**” and complete the application software uninstalling.

3 Functions & Operation

3.1 Interface Introduction

3.1.1 Main Interface

The diagrammatic drawing for the main interface of data card application software:



The interface forms into three parts, these functions can be executed by operating in corresponding area.

1. Functional Button Area:

There will be various functional button icons shown in this area. Click different function button and it will carry out corresponding operation.

Home Page

Internet： Connect to the Internet.

Calls：Dial/answer a call.

SMS：Send SMS or read SMS in InBox/OutBox/DraftBox.

Phonebook: Save and view different information of the contact list.

Settings: Set normal relative information for the data card.

Call records: View related information for all calls.

Affixation: Support services operated by USSD and STK.

Help: System information for Help.

2. System Information Area:

Show the system status and different kinds of tips.

Network signal intensity, 5 stages from none to the strongest .

There are missed calls at present.

There are new SMS at present.

SMS is full.

Data card disconnecting to Internet.

Data card connecting to Internet already.

SIM/USIM card is in status of roaming.

Letter “P” means supporting packet-switch （P）service, while letter “C” means supporting circuit switch（C）service.

Data card has been inserted into the computer.

Data card not been inserted into the computer, and in status of power-off.

Data card is in status of offline.

SIM/USIM card has been inserted to the wireless data card.

SIM/USIM card has not been inserted to the wireless data card.

Current network service type, i.e. WCDMA or GPRS/GSM in service.

Name of the current service provider.

3. User Area:

Show the interactive computer information under various conditions.

3.1.2 Description of Minimum Icons

When click on the minimum button, the software will minimize as an icon on the window taskbar, without influencing data download, receiving SMS and incoming calls when connect to Internet. Double click on the icon, data card interface resiles.

1. Taskbar Icons' Description

Data card is in normal standby and online status.

Data card has been inserted into the computer.

Data card not been inserted into the computer, and in status of power-off.

Data card is in status of offline.

SIM/USIM card has not been inserted to the wireless data card.

No network signal.

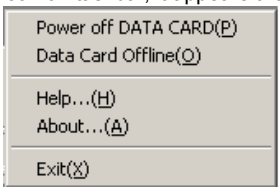
New Message.

New incoming call.

Green indicates successful connection of data card to Internet.

2. Using Taskbar Icon：

Right Click the icon on taskbar, it appears the following menu：



Power off DATA CARD：Stop using the data card and disconnect the data card to portable PC. After powering off the data card, if you want to run the software again, you should pull out and insert the data card into PC again.

Data Card Offline：Pause/ reusing the data card.

Help：Enter Help interface.

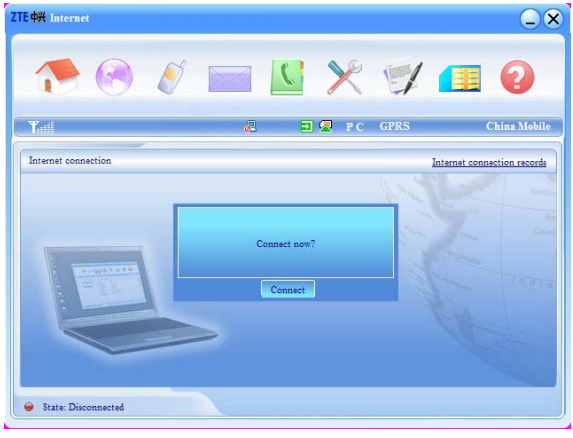
About：View the information of the application software and hardware versions.
Exit： Close the application interface and stop using the data card.

3.2 Connecting Internet

You can browse web pages after you have accessed to Internet with the help of data card, you can also receive SMS, dial up or answer a call when surfing on Internet.

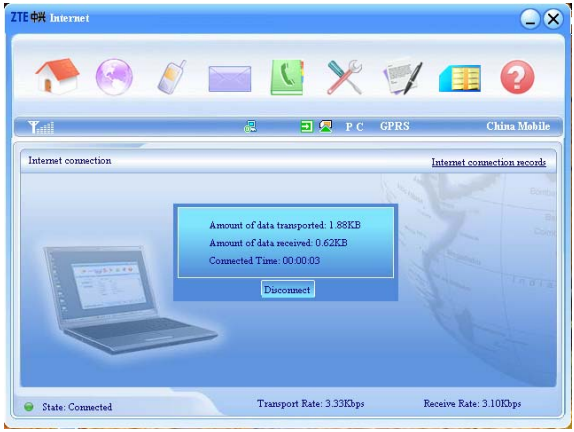
1. Connect to Internet:

Click the **Internet** icon , the system will ask you “Connect now?” Select “**Connect**”.



When connected, it will show status as “connected”, and it will show data flow, connected time and so on.

During the course of connecting, when the “**Connect**” button becomes “**Disconnect**” button, you can cancel the connecting.



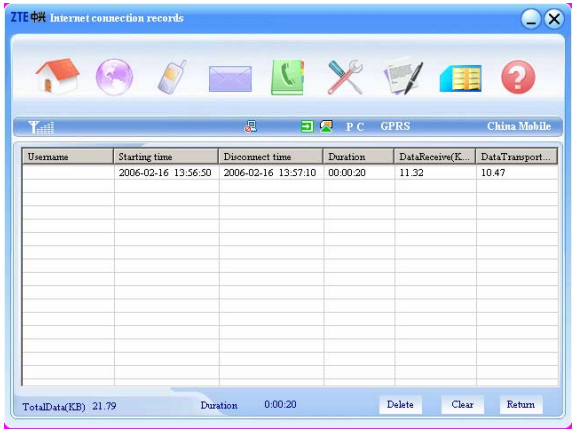
At the same time, an icon on taskbar appears indicating network connection. Then you can via HSDPA/ WCDMA/ EDGE/ GPRS/ GSM network access Internet and receive email etc.

2. Disconnecting Internet：

Click "**Disconnect**" button to disconnect Internet. After disconnection, a normal standby icon appears on taskbar.

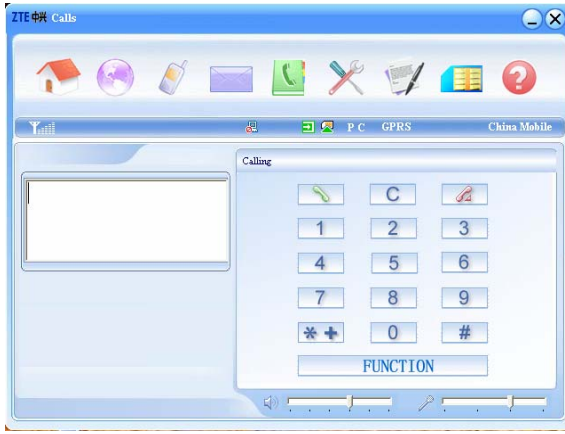
3. Internet Connection Records：

Click "**Internet connection records**" to view Internet connection time, duration, data information, etc.



3.3 Dialing/Answering a call

Click the “**Calls**” icon , and switch to the calls interface. You can enter a telephone number to make a call, and you can talk with the other side by using headphone and microphone. You can redial a number from calls list and dial extension numbers.



1. Making a call：

Click the number button in the right interface, or enter the phone number by typing the keyboard of computer. Press C to erase input character. Press to send and press to end.

For international long distance phone call, quick press twice to input international prefix “+”, phone number, quick press in three times to enter character “P” which stands for pause 3 seconds.

2. Answering an incoming call

If there is an incoming call, “Incoming Call” appears on the screen and an alert will ring on the PC. The incoming call number will show in the left number box (This function needs network support). While the green light on the data card flashes continually. Press to answer，and press to reject, or press buttons on the headphone to answer and end.

3. Volume Adjustment:

Adjust volume with the scroll bar under the interface. indicates headphone volume, and indicates microphone volume.

4. Redialing：

In standby status，press to switch to the dialed calls list, select the number and press and click “**Dial**” button.

5. Emergency call：

Even without USIM or SIM card inserting, you still can dial up emergency calls.

6. Dialing up when surfing on the Internet：

When surf on Internet, you also can dial up if network supports. Click "**Calls**" icon to enter calls interface and make calls.

7. Viewing missed calls：

If there is missed call, icon flashes in system information area, click the icon to enter calls list to view.

8. Supplemental Services：

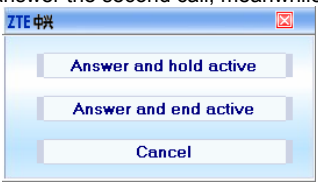
Data card supports supplemental services, such as, call holding, call waiting, call forwarding, call barring, three-way call, etc.

Please refer to "3.6.3 Calls Settings" to know how to use call waiting, call forwarding and call barring.

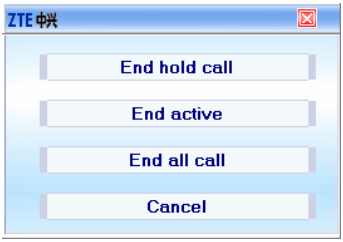
(1) Call holding

During a call, if another call is coming, you can hold the first call and answer the second call, then switch back to the first call after finishing the second call.

Press FUNCTION to select "Answer and hold active" in prompt window to answer the second call, meanwhile hold the first call.



Press to go through the second call and select item in pop-up window list to choose which call to be end.



(2) Three way call

During two-party call, you can also dial or receive the third call, with previous conversation holding. And it makes a conference call.

Press FUNCTION during two-party call to see pop-up window:

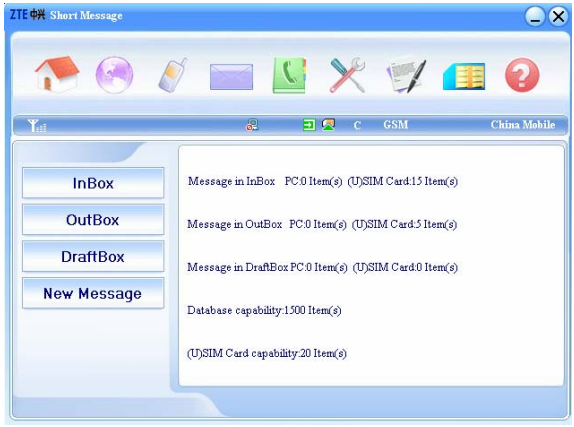
Select "**New call**" to dial the third call. When get though, press FUNCTION and select in the following prompt window:

If "**Conference**" selected, it comes a conference call.

3.4 SMS

Notice： To ensure utilizing SMS features properly, a correct SMS center number must be set at first . Refer to “3.6.4 Messages settings”.

Click “**SMS**” icon to switch to the SMS interface and it shows the number of SMS in the inbox, outbox and draft box. Click button “**InBox**”, “**OutBox**”, “**DraftBox**” or “**New Message**” to enter relative interface.



InBox： Save SMS received.

OutBox： Save SMS sent successfully.

DraftBox： Save SMS edited as draft in PC before sending or after failure.

For example ： “Message in InBox PC :0(Items) (U)SIM Card:13(Items) indicating: There is 0 short message in PC, and13 short message in (U)SIM card.

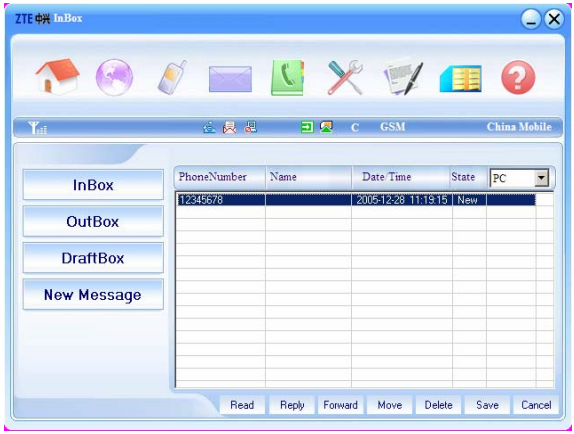
Different SIM/USIM card has different capacity. For more information, please consult your supplier. The system shows the capacity automatically in using data card, as shown above “50”.

3.4.1 Reading SMS

Click “**InBox**” button or SMS icon in system information area to read the SMS saved in InBox.

Make use of the bottom menu buttons to Read, Reply, Forward, Move,

Delete, Save or Cancel message(s).



3.4.2 Creating new message

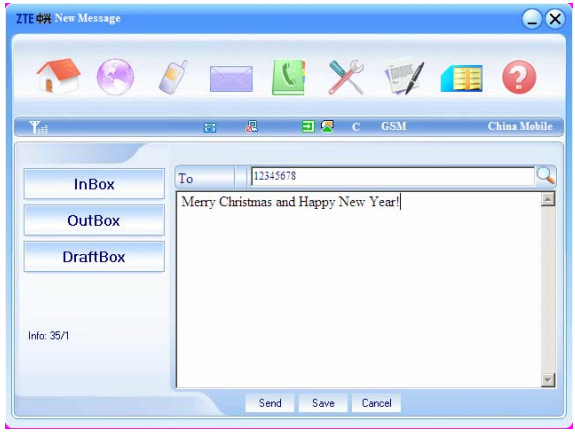
Click “**New Message**” button to input the recipient’s number and content.

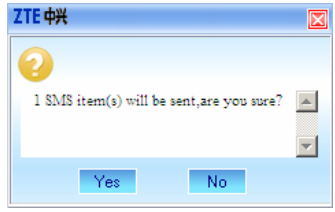
Input the recipient’s number directly or select it from phonebook, and then press “**SMS**” button.

The recipient’s number(s) can be one or more, using “;” to separate.

SMS text can not exceed 765 individual English characters (including English symbols) or 335 Chinese and English mixed characters.

Click “**Send**”, make a choice of “Yes” or “No” according to the prompt on the display to send short message or not. After sending successfully, this SMS will be saved into OutBox automatically. If sending fails, failure notification and save or not prompt will appear. Click “**Save**” to save the short message to DraftBox; click “**Cancel**” to return to the interface of “New Message”.





Sending SMS while browsing the web:

If network supports, you can send short messages when surf on the Internet. Click "**SMS**" icon button, enter the short message interface to send short messages in normal way.

3.4.3 SMS Box Operating Guide

Enter any of InBox/OutBox/DraftBox to execute the following functions:

- ✧ **Read**：Read all the information of short messages. (The content of short messages, sender's phone number, sending time and date)
- ✧ **Reply**： Reply short message to the sender.(InBox / DraftBox do not have this item)
- ✧ **Forward**：Forward short message to other recipients. (DraftBox do

not have this item)

- ✧ **Move**：Change the saving location of short message between PC and USIM/SIM card. (DraftBox do not have this item)
- ✧ **Delete**： Delete short message(s) selected.
- ✧ **Save**： Save sender's number into the phonebook.
- ✧ **Cancel**： Return to the SMS interface.

Make use of "Ctrl" or "Shift" key and left click to choose several messages to execute simultaneously.

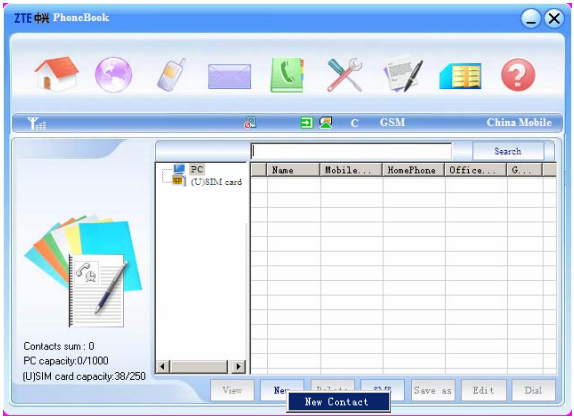
The system indicates when USIM/SIM card is full (USIM/SIM cards differs in capacity). New message can only be received and saved till the user clear some short message(s) in USIM/SIM card inbox.

3.5 Phonebook

Click "**Phonebook**" icon to switch to phone book interface; phonebook information can be saved in PC or SIM/USIM card. Each record includes contact Name, MobilePhone, HomePhone, OfficePhone, Email and Groups which it belongs to. You can press "Search" button to find some desired information.

1. New Contact:

Click "**New**" →"**New Contact**", input all the information, then select "**OK**" to finish.



On bottom left, e.g. it shows:

- “Contacts sum: 0” indicating 0 contact has been saved in selected location;

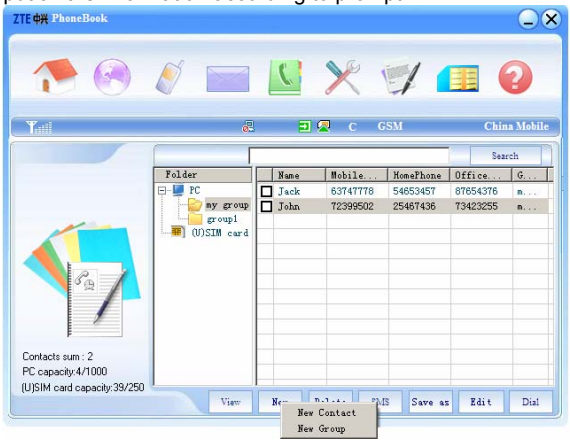
- “PC capacity: 0/1000” indicating 1000 contacts can be saved in PC;

- “(U)SIM card capacity: 38/250” indicating 250 contacts can be saved in (U)SIM card, out of which 38 contacts have been saved already.

2. New Group：

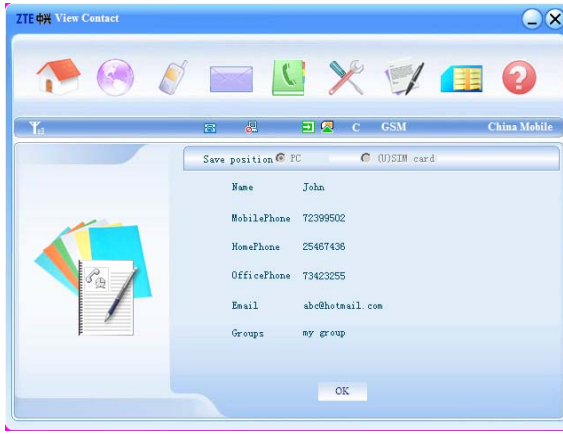
You can add new groups in PC. But you cannot add new groups in (U)SIM card.

Click “**New**” →”**New Group**” and name the new group in PC group folder tree. Select the folder group you want to add or edit information, and input all the information according to prompt.

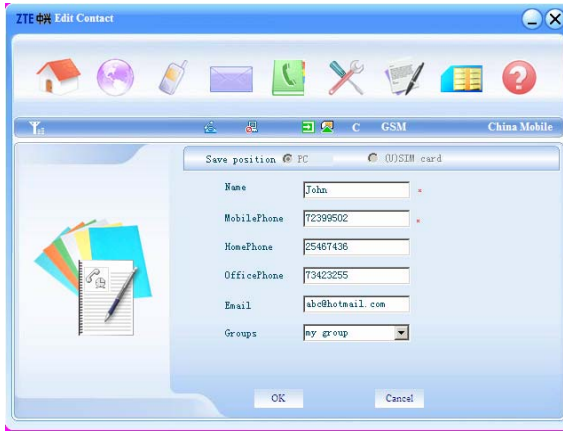


3. Searching Records

You can key in total or any part the record characters or phone number you are searching for. Click **“Search”** to search. The corresponding records or names’ information are listed, Scroll to the record you want to view in details.



Select records from the list and click "**Edit**" to edit information, click "**OK**" to finish.



4. Buttons Description

If any record is selected, you can carry out the following steps:

✧ **View**：View information.

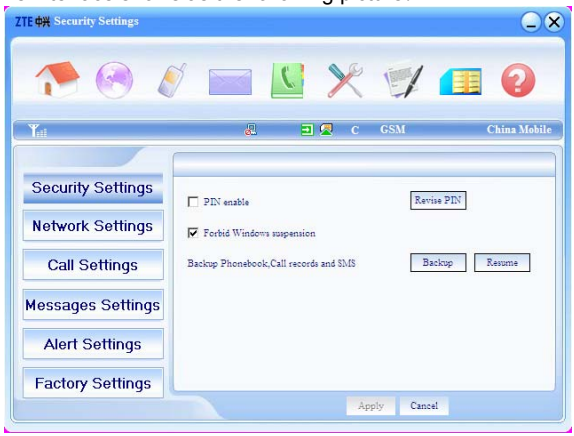
- **Delete**：Delete record.
- **SMS**：Send message to the mobile phone numbers in the records.
- **Save as**： Save the information to portable PC as text.
- **Edit**：Edit the information of selected record.
- **Dial**： Dial up the number you selected (You can't select many numbers).

3.6 Settings

Click "**Settings**" icon to switch to the settings interface. It includes: Security Settings, Network Settings, Call Settings, Messages Settings, Alert Settings, and Factory Settings.

3.6.1 Security Settings

The interface shows as the following picture：



1. Enabling the PIN Code：

When "**PIN enable**" item is selected, you will be asked to enter PIN code to use the data card. You can click "**Revise PIN**" to modify PIN code.

Note: This function need network support.

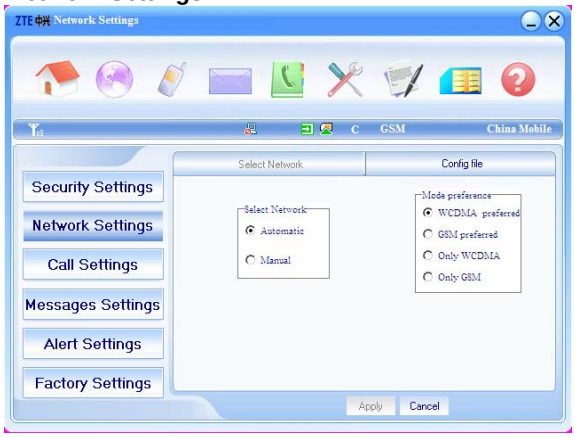
2. Forbidding Windows suspension：

When it is selected, the standby function of the notebook PC will be canceled.

3. Backup Phonebook, Call records and SMS:

Click “**Backup”** to backup the Phonebook, Call records and SMS in portable PC. Click “**Resume**” to restore the data to appointed file, restart PC to get back.

3.6.2 Network Settings

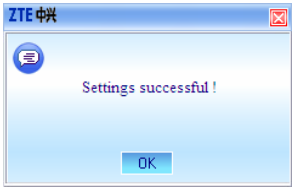


3.6.2.1 Select Network

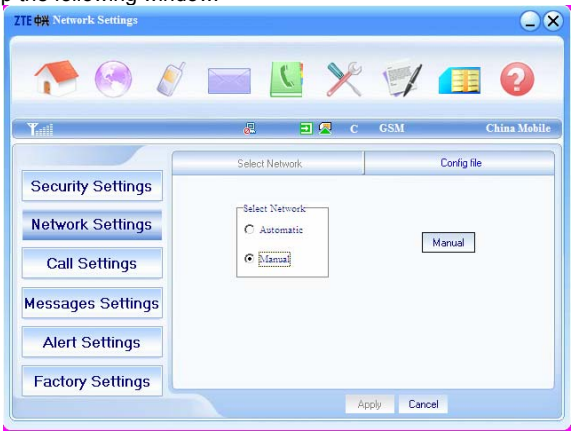
Automatic：The system selects the network automatically according to user’s configuring rules and network status.

Manual： User selects network in manually.

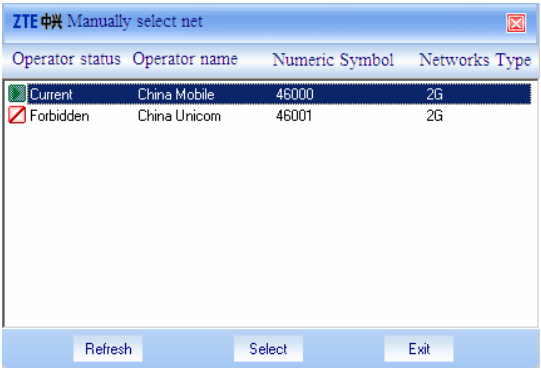
Select Network “**Automatic**” on left, and “Config file” on right side, click “Apply” in the following pop-up window.



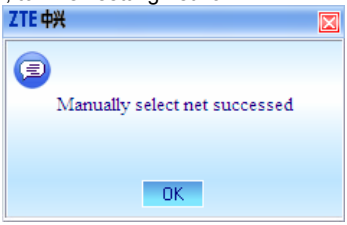
Select Network “**Manual**”, click “**Manual**” button on right side to pop-up the following window.



After a while, network operator list appears. Select the proper network to connect.

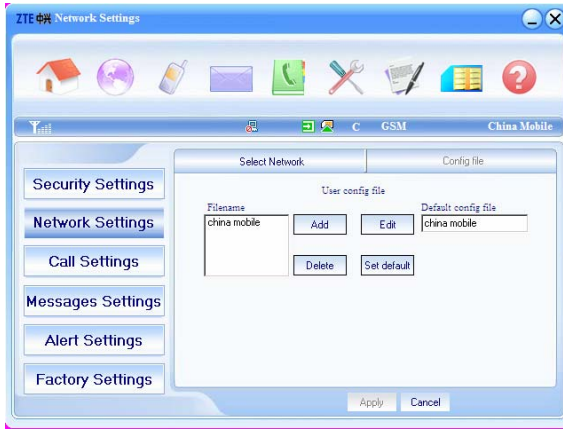


Click “**Select**”, to finish setting network.



3.6.2.2 Config file

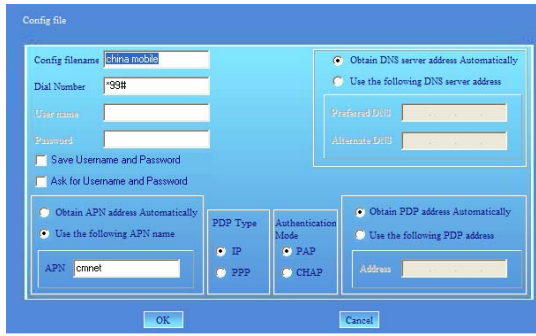
To ensure the data card connect Internet properly, you’d better configure user’s network information at first. You can save different operator’s network configurations in different files.



1. Button Description：

- ✧ **Add**： Add new configuration files.
- ✧ **Delete**： Delete the selected configuration files.
- ✧ **Edit**： Edit the selected configuration files.
- ✧ **Set default**： Select one file from filename list, and set it as the current using files.

2. Config File



The user configuration information includes: Config filename, Dial

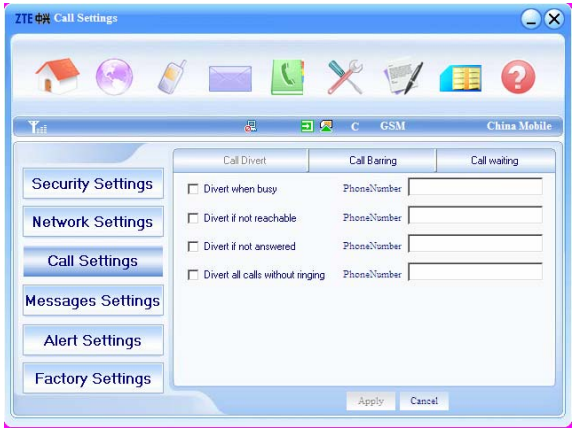
Number, User name, Password, APN, DNS, and PDP address. If network supports “Obtain server address automatically”, the data card can obtain the assigned IP information automatically. If network do not support it, you should fill the proper address manually. Please consult the network supplier of SIM/USIM card for all above information. Network suppliers and network types differ in user configuration information.

3.6.3 Calls Settings

This function can set supplemental services, such as, Call forwarding, Call Barring, Call Waiting, etc. These functions need network support, please make sure your SIM/USIM card is activated.

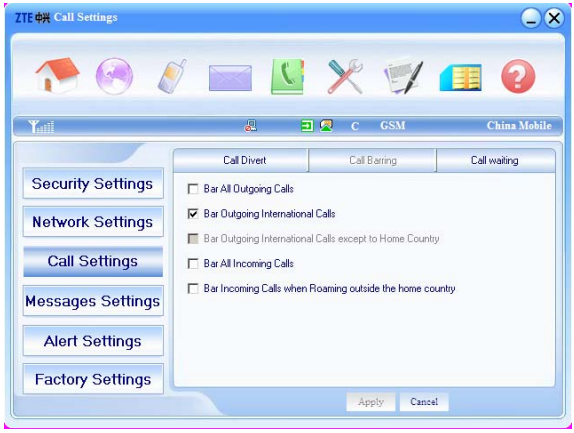
1. Call forwarding

Select call diverting type in list, and input number forwarded to, click “**Apply**”.



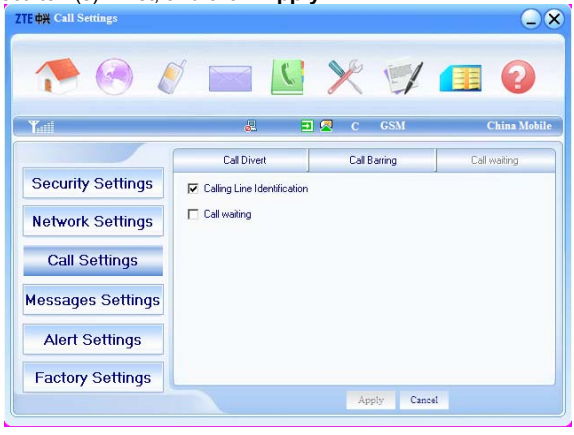
2. Call Barring

Select item(s) in list, and click “**Apply**”.

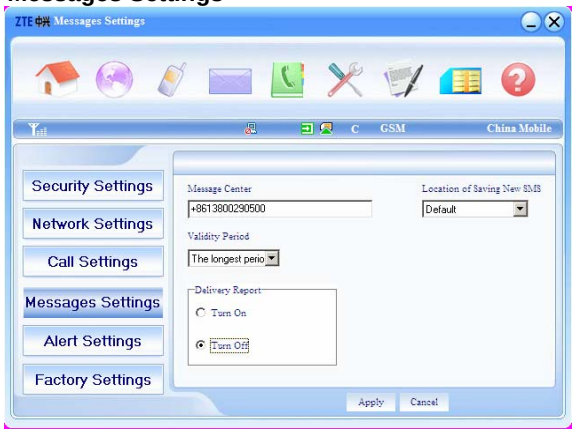


3. Call Waiting

Select item(s) in list, and click "**Apply**".



3.6.4 Messages Settings



Message centre：Set the corresponding SMS center number via the SIM/USIM card of the supplier. You must input correct SMS center number provided by the network supplier to use the SMS properly. Please enter country code before the number.（e.g. SMS center number of the China Mobile is "+8613800100500"）.

Validity period：Set the SMS storage time duration limited in network. (This function needs network support.)

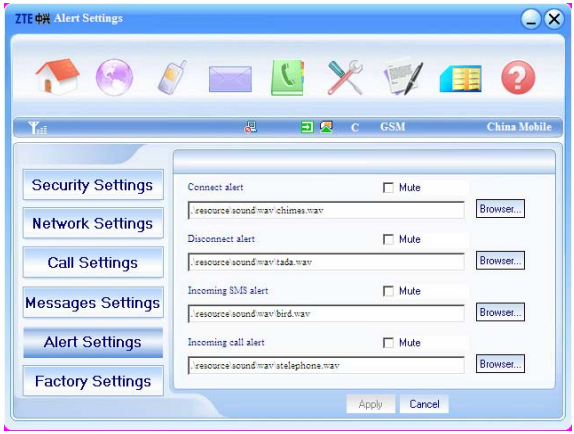
Options：**12 hours/A day/A week/The longest period**

Location of Saving New SMS：Select "**Default**" to save in location set by network. Select "**(U)SIM card**" to save in SIM card; select "**PC**" to save in PC.

Delivery Report：Set as "**Turn On**" or "**Turn Off**". When it is set as "Turn On", the network will inform you of the status of sending message(s).

3.6.5 Alert settings

You can set "Connect alert, Disconnect alert, Incoming SMS alert and Incoming call alert" by yourself. Alert uttered by portable PC. If you select "**Mute**", alert sounds in silence.



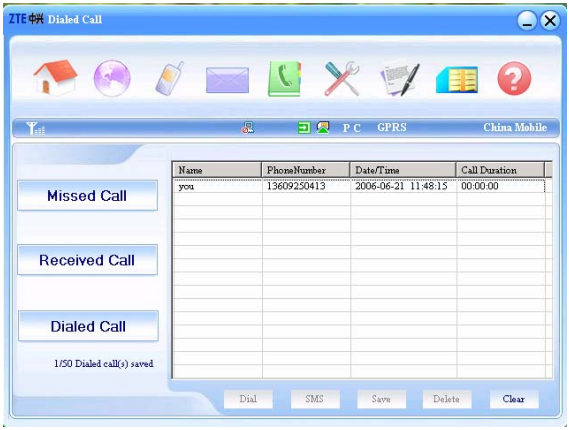
3.6.6 Factory settings

Restoring the settings of data card configuration to factory default value won't influence phonebook and saved messages and call records.

3.7 Call records

Click "**Call records**" icon to switch to call records interface. The call records include: Missed Call, Received Call and Dialed Call. Record information includes: Name, PhoneNumber, Date/ Time, Call Duration. 50pcs of records can be saved respectively at most for Missed Call, Received Call and Dialed Call. If exceed 50pcs, the system automatically clears old ones and save new ones.

Click the corresponding button to enter the corresponding call record list interface.



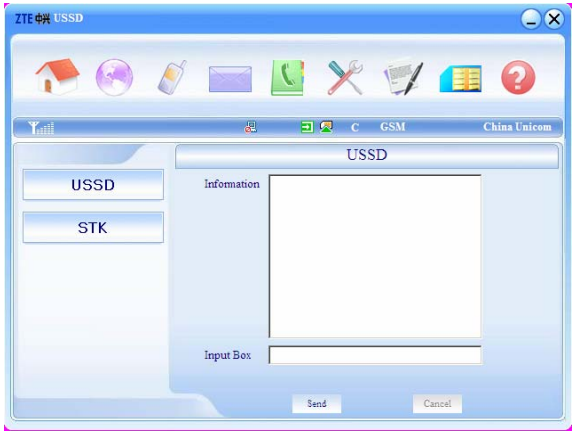
Select one record and you can carry out the following operations:

- ✧ **Dial**：Dial up the current number.
- ✧ **SMS**：Enter new message interface, and send massage to the current number.
- ✧ **Save**：Enter phonebook, and save the current number.
- ✧ **Delete**：Delete the current record.
- ✧ **Clear**：Clear all in current call list.

3.8 Affixation services

Click icon , data card supports supplemental USSD and STK data services. Please consult the service provider for more information. This function needs network support and SIM/USIM card activated and enabled by the provider.

1. USSD



On USSD interface, enter access code, click "**Send**". In information column, it shows service information received from network and next step indication.

2. STK

On STK interface, you can view service main menus and submenus provided by the operator. Double click or select menu you want, click "Select" to step to next submenu.

Note: Follow the instructions or prompt when network and USIM/SIM card are available to achieve all the functions of service provided by the provider.

3.9 Help

Click "**Help**" icon to switch to help interface. Under Help subject, you can get the data card information on functions introduction,

installation and usage guide, etc.

4 FAQ & Answers

When you meet the following problems in service, please refer to the following answers to solve it. If the problems still exist, please consult with your network carrier.

Problem Description	Possible reasons	Problem Solving
After restarted the computer, there is no signal all the time	1. You are in the place where no HSDPA/ WCDMA/ EDGE/ GPRS/ GSM network covered , such as underground parking lot, tunnel etc.	1. Change to the place where having good signal.
	2. The data card isn't inserted well.	2. Pull out and insert the data card safely again.
	3. The SIM/USIM card isn't inserted well, such as inserted in reverse.	3. Insert the SIM/USIM card correctly again.
When the data card is being installed, the notebook PC cannot find it	1. The installation programs of the data card haven't been installed properly.	1. Run the installation program first, then insert the data card. If you use the WinXP operating system, install the drivers according to the Windows indication information to operate.
	2. The data card isn't inserted well.	2. Restart the computer, or insert the data card again.
	3. The SIM/USIM card isn't inserted well, such as inserted in reverse.	3. Insert the SIM/USIM card correctly again.
Message sent failed	1. The SMS center number isn't correct.	1. After consulted with service provider, configure the right number.

	2. The network is busy and other reasons.	2. Try it later.
Data connection failed	1. You are in the place where no HSDPA/ WCDMA/ EDGE/ GPRS/ GSMnetwork covered , such as underground parking lot, tunnel etc.	1. Change to the place where having strong signal.
	2. The network at this time in this place is busy now.	2. Try it later.
	3. The dial number or the APN in the user config files is error.	3. Check with the dial number or the APN in the user config file in the “Network settings”.
	4. The HSDPA/EDGE data card data is error.	4. An easy way for judgment: At this time, if the card can make a call normally, it proves the problem is caused by the data card; otherwise, it may be network problem. Please consult with the network carrier.
	5. The network type selected by manual is wrong.	5. Select the correct network type according to the type of the SIM/USIM card.
Connected to the Internet, but it cannot open any website page	1. After connection, there is no data transfer, which resulted that you cannot open web pages.	1. Check that the APN in the configuration files is correct or not.
	2. IE browser got problems.	2. If IE got problems, upgrade to the new version or reinstall the IE browser.

	3. Operating system is infected by virus (Such as Worm. Blaster which can take up a quantity of upload data flow and result that it can't receive downloaded data flow so that you cannot open any website.)	3. Use the professional anti-virus software to check and kill the virus in the operating system completely.
	4. You have connected to other APNs, which cannot connect to the Internet.	4. Dial the right number again.
Can not use data card normally after deleting some hardware.	Delete the hardware by mistake in using data card.	Pull out and insert the data card again to restart applications.
When there is a new incoming call, no number identified.	The SIM/USIM card doesn't have Calling Name Identification Presentation function.	Connect with the network supply provider that the SIM/USIM card belongs to.
No warning tone	No audio card is fixed in computer or the volume is too small.	Check the audio card and adjust the volume properly.
Can not receive calls when connecting to Internet	The mobile network do not support concurrent	Please consult network supplier